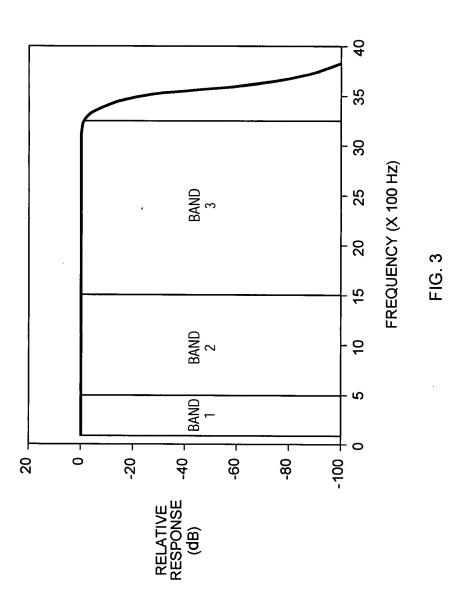


FIG. 2



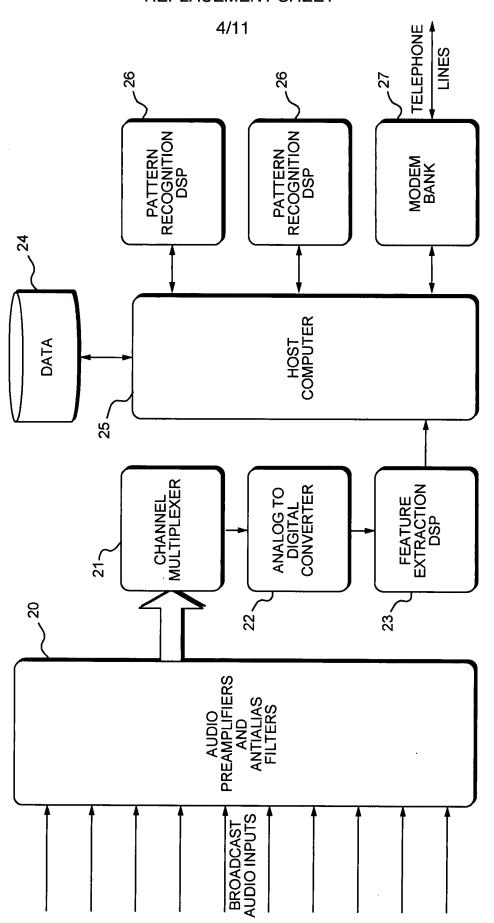
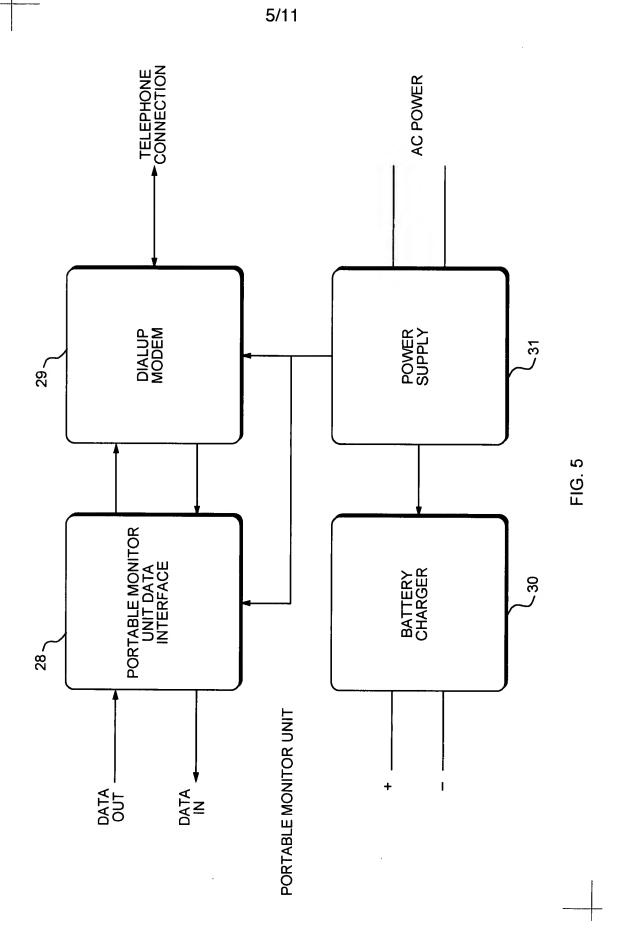
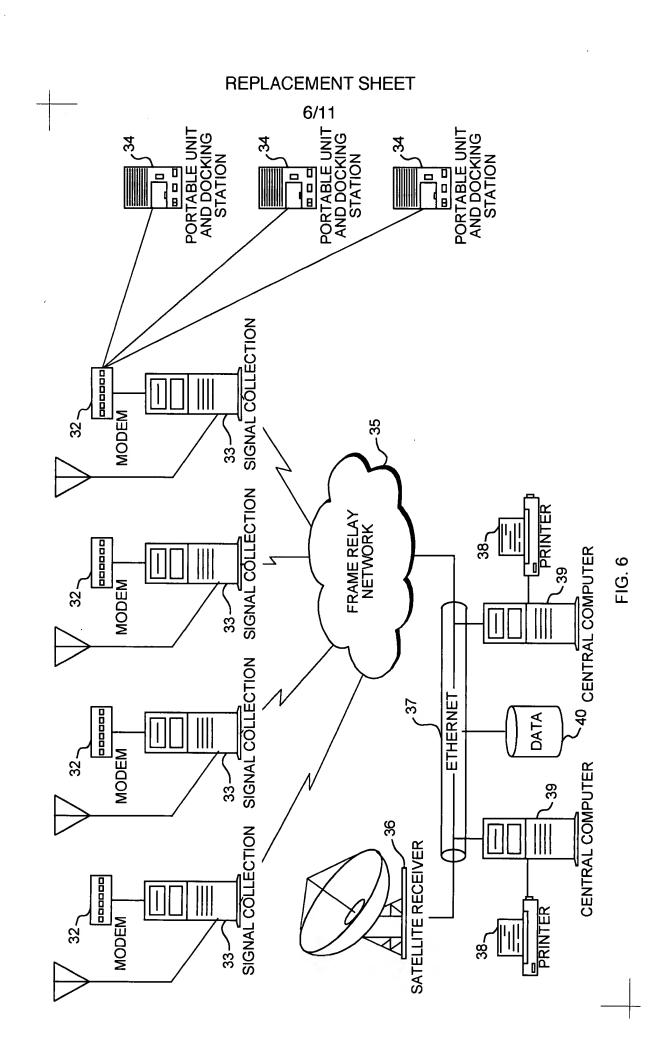
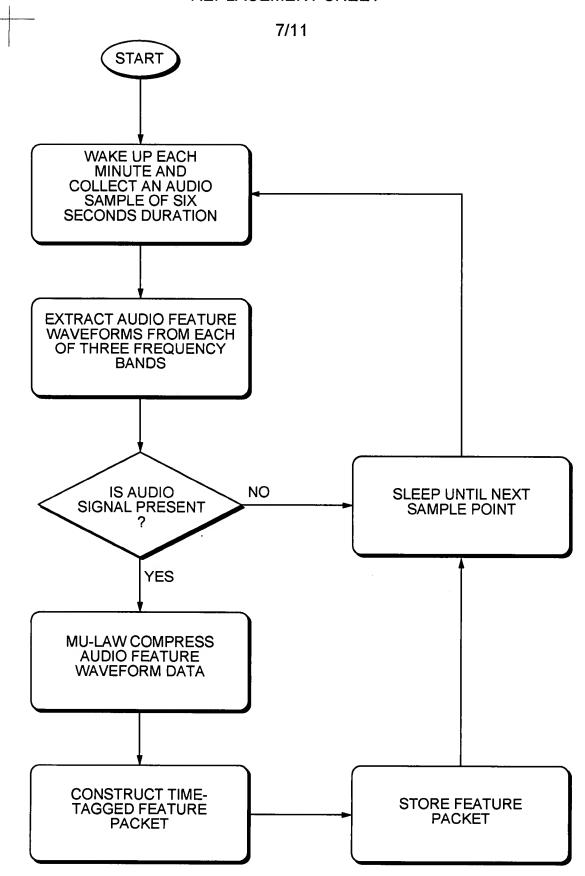
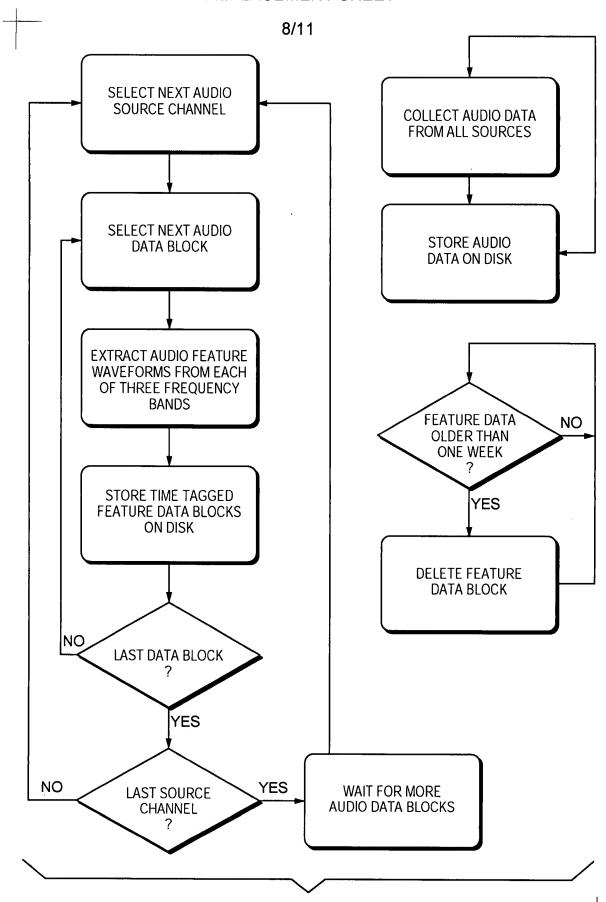


FIG. 4









9/11

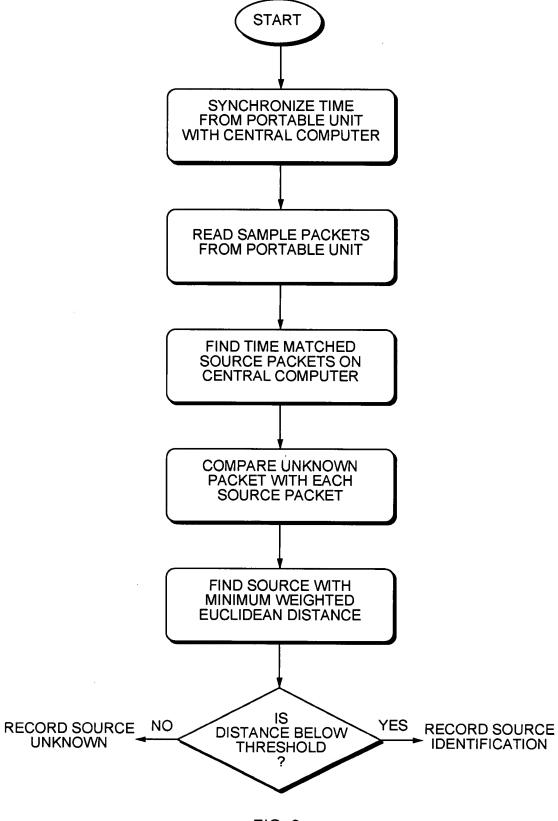


FIG. 9

START

NORMALIZE AND ZERO-PAD EACH BAND FROM UNKNOWN PACKET

CONSTRUCT TIME-ALIGNED REFERENCE PATTERN FOR EACH FREQUENCY BAND

CORRELATE WAVEFORMS
OF EACH FREQUENCY
BAND FROM PACKET
AND REFERENCE

COMPUTE EUCLIDEAN
DISTANCE FROM PERFECT
MATCH FOR EACH
FREQUENCY BAND

SCALE EACH DISTANCE COMPONENT BY ENERGY IN REFERENCE PATTERN COMPONENT

COMBINE DISTANCE COMPONENTS TO FIND TOTAL WEIGHTED DISTANCE (ERROR)

FINISH

FIG. 10

11/11

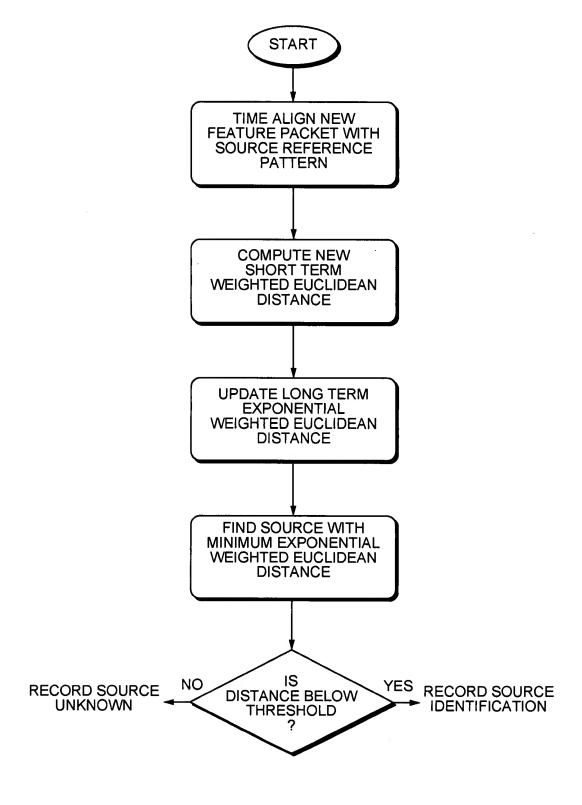


FIG. 11